IN THE CLAIMS:

The status of the claims is as follows:

1. (previously presented) A manufacturing method of a liquid crystal display unit, comprising:

a first step of providing a roll of a first flexible polymeric substrate having a longitudinal length longer than a transversal width;

a second step of forming transparent electrodes on the first flexible polymeric substrate;

a third step of forming a vertical orientation film on the first flexible polymeric substrate;

a fourth step of solidifying the vertical orientation film;

a fifth step of prescribing a falling direction of molecules of a liquid crystal having a negative dielectric anisotropy in the vertical orientation film, the falling direction being prescribed in parallel with a phase advancing axis or a phase delaying axis of an optical anisotropy of the first flexible polymeric substrate; and

a sixth step of connecting the first flexible polymeric substrate to an opposed second flexible polymeric substrate;

wherein the first flexible polymeric substrate is continuously fed from the roll in the longitudinal direction during the second, third, fourth, fifth and sixth steps.

2. (canceled).

3. (previously presented) A manufacturing method of a liquid crystal display unit according to claim 1; wherein the fifth step is performed by irradiating light in one direction onto the vertical orientation film.

4. (previously presented) A manufacturing method of a liquid crystal display unit according to claim 1; wherein the fifth step is performed by rubbing the vertical orientation film in parallel with the longitudinal direction of the first flexible polymeric substrate.

5. - 10. (canceled).

11. (withdrawn) A manufacturing method of a liquid crystal display unit according to claim 1; further comprising a step of arranging a buffer of the first flexible polymeric substrate during the second step, or between the second step and the third step, so as to continually feed the first flexible polymeric substrate from the roll in the longitudinal direction during the third step.

12. (canceled).

13. (withdrawn) A manufacturing method of a liquid crystal display unit according to claim 11; wherein the fifth step is performed by irradiating light in one direction onto the vertical orientation film.

14. (withdrawn) A manufacturing method of a liquid crystal display unit according to claim 11; wherein the fifth step is performed by rubbing the vertical orientation film in parallel with the longitudinal direction of the first flexible polymeric substrate.

15. (withdrawn) A manufacturing method of a liquid crystal display unit according to claim 14; wherein the third step comprises the step of forming the vertical orientation film containing at least one high polymer selected from the group consisting of polyimides, cinnamates, chalcones and azobenzenes.

16. (withdrawn) A manufacturing method of a liquid crystal display unit according to claim 13; wherein the third step comprises the step of forming the vertical orientation film containing at least one high polymer selected from the group consisting of polyimides, cinnamates, chalcones and azobenzenes.

17. (canceled).

18. (withdrawn) A manufacturing method of a liquid crystal display unit according to claim 11; wherein the third step comprises the step of forming the vertical orientation film containing at least one high polymer selected from the group consisting of polyimides, cinnamates, chalcones and azobenzenes.

19. (previously presented) A manufacturing method of a liquid crystal display unit according to claim 4; wherein the third step comprises the step of forming the vertical orientation film containing at least one high polymer selected from the group consisting of polyimides, cinnamates, chalcones and azobenzenes.

20. (previously presented) A manufacturing method of a liquid crystal display unit according to claim 3; wherein the third step comprises the step of forming the vertical orientation film containing at least one high polymer selected from the group consisting of polyimides, cinnamates, chalcones and azobenzenes.

21. (canceled).

22. (previously presented) A manufacturing method of a liquid crystal display unit according to claim 1; wherein the third step comprises the step of forming the vertical orientation film containing at least one high polymer selected from the group consisting of polyimides, cinnamates, chalcones and azobenzenes.

23. (previously presented) A manufacturing method of a liquid crystal display unit, comprising the steps of:

providing a roll of a flexible polymeric substrate having transparent electrodes and a longitudinal length longer than a transversal width; and

continuously feeding the flexible polymeric substrate from the roll in the longitudinal direction while sequentially forming a vertical orientation film on the flexible polymeric substrate, solidifying the vertical orientation film, and prescribing a falling direction of liquid crystal molecules in the vertical orientation film so that the falling direction is prescribed in parallel with a phase advancing axis or a phase delaying axis of an optical anisotropy of the flexible polymeric substrate.

24. (previously presented) A manufacturing method of a liquid crystal display unit according to claim 23; further comprising the steps of arranging the flexible polymeric substrate in confronting relation to an opposing flexible polymeric substrate to define a gap therebetween; and disposing a liquid crystal having a negative dielectric anisotropy in the gap between the flexible polymeric substrates.

25. (previously presented) A manufacturing method of a liquid crystal display unit according to claim 23; wherein the falling direction of liquid crystal molecules in the vertical orientation film is prescribed by irradiating light in one direction onto the vertical orientation film.

26. (previously presented) A manufacturing method of a liquid crystal display unit, comprising the steps of:

providing first and second rolls of respective first and second flexible polymeric substrates each having a longitudinal length longer than a transversal width;

continuously feeding the first flexible polymeric substrate from the first roll in the longitudinal direction while sequentially forming transparent electrodes on the first flexible polymeric substrate, forming a vertical orientation film on the first polymeric substrate, solidifying the

vertical orientation film, and prescribing a falling direction of liquid crystal molecules in the vertical orientation film so that the falling direction is prescribed in parallel to a phase advancing axis or a phase delaying axis of an optical anisotropy of the first flexible polymeric substrate;

continuously feeding the second flexible polymeric substrate from the second roll in the longitudinal direction while sequentially forming transparent electrodes on the second flexible polymeric substrate, forming a vertical orientation film on the second polymeric substrate, solidifying the vertical orientation film formed on the second polymeric substrate, and prescribing a falling direction of liquid crystal molecules in the vertical orientation film formed on the second polymeric substrate so that the falling direction is prescribed in parallel to a phase advancing axis or a phase delaying axis of an optical anisotropy of the second flexible polymeric substrate;

arranging the first and second flexible polymeric substrates opposite one another to define a gap therebetween; and

disposing a liquid crystal having a negative dielectric anisotropy in the gap between the first and second flexible polymeric substrates.

27. (previously presented) A manufacturing method of a liquid crystal display unit according to claim 26; wherein in each of the continuously feeding steps, the falling direction of liquid crystal molecules in the vertical orientation film is prescribed by irradiating light in one direction onto the vertical orientation film.

28. (previously presented) A manufacturing method of a liquid crystal display unit according to claim 26; wherein in each of the continuously feeding steps, the falling direction of liquid crystal molecules in the vertical orientation film is prescribed by rubbing the vertical orientation film in parallel with the longitudinal direction of the corresponding first or second flexible polymeric substrate.

29. (previously presented) A manufacturing method of a liquid crystal display unit according to claim 26; wherein each of the continuously feeding steps includes the step of arranging a buffer of the corresponding first or second flexible polymeric substrate during formation of the transparent electrodes or between the formation of the transparent electrodes and the formation of the vertical orientation film.

30. (previously presented) A manufacturing method of a liquid crystal display unit according to claim 26; wherein for each of the continuously feeding steps, the vertical orientation film is formed so as to contain at least one high polymer selected from the group consisting of polyimides, cinnamates, chalcones and azobenzenes.